Local Data: Maryland

In 2020, there were 33,425 people living with HIV in Maryland.  
In 2020, 706 people were newly diagnosed with HIV.
# HIV Prevalence

**Number of people living with HIV, 2020**

33,425

**Rate of people living with HIV per 100,000 population, 2020**

655

### Percent of people living with HIV, by Sex, 2020

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent</td>
<td>66.0%</td>
<td>34.0%</td>
</tr>
</tbody>
</table>

### Percent of people living with HIV, by Race/Ethnicity, 2020

<table>
<thead>
<tr>
<th></th>
<th>Black</th>
<th>Hispanic/Latinx</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent</td>
<td>71.3%</td>
<td>7.4%</td>
<td>12.4%</td>
</tr>
</tbody>
</table>

### Percent of people living with HIV, by Age, 2020

<table>
<thead>
<tr>
<th></th>
<th>Aged 13-24</th>
<th>Aged 25-34</th>
<th>Aged 35-44</th>
<th>Aged 45-54</th>
<th>Aged 55+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent</td>
<td>2.4%</td>
<td>14.3%</td>
<td>18.5%</td>
<td>24.1%</td>
<td>40.7%</td>
</tr>
</tbody>
</table>

### Rate of people living with HIV per 100,000 population, by Geography, 2020

- **State**: 655
- **Region**: 453
- **United States**: 382
## New HIV Diagnoses

### Number of new HIV diagnoses, 2020

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>706</td>
</tr>
</tbody>
</table>

### Rate of new HIV diagnoses per 100,000 population, 2020

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>14</td>
</tr>
</tbody>
</table>

### Percent of people newly diagnosed with HIV, by Sex, 2020

<table>
<thead>
<tr>
<th>Sex</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>74.2%</td>
</tr>
<tr>
<td>Female</td>
<td>25.8%</td>
</tr>
</tbody>
</table>

### Percent of people newly diagnosed with HIV, by Race/Ethnicity, 2020

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>71.0%</td>
</tr>
<tr>
<td>Hispanic/Latinx</td>
<td>12.2%</td>
</tr>
<tr>
<td>White</td>
<td>12.0%</td>
</tr>
</tbody>
</table>

### Percent of people newly diagnosed with HIV, by Age, 2020

<table>
<thead>
<tr>
<th>Age</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Aged 13-24</td>
<td>19.0%</td>
</tr>
<tr>
<td>Aged 25-34</td>
<td>33.7%</td>
</tr>
<tr>
<td>Aged 35-44</td>
<td>20.1%</td>
</tr>
<tr>
<td>Aged 45-54</td>
<td>13.3%</td>
</tr>
<tr>
<td>Aged 55+</td>
<td>13.9%</td>
</tr>
</tbody>
</table>

### Number of New HIV Diagnoses, 2008-2020

- 2008: 650
- 2009: 660
- 2010: 670
- 2011: 680
- 2012: 690
- 2013: 700
- 2014: 710
- 2015: 720
- 2016: 730
- 2017: 740
- 2018: 750
- 2019: 760
- 2020: 770
Due to the COVID-19 pandemic, data from 2020 should be interpreted with caution.

Rate of people newly diagnosed with HIV per 100,000 population, by Geography, 2020
PrEP (Pre-Exposure Prophylaxis)

Number of PrEP users, 2022

**7,212**

Rate of PrEP users per 100,000 population, 2022

**139**

Percent of PrEP users, by Sex, 2022

<table>
<thead>
<tr>
<th>Sex</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>90.8%</td>
</tr>
<tr>
<td>Female</td>
<td>9.2%</td>
</tr>
</tbody>
</table>

Percent of PrEP users, by Race/Ethnicity, 2022

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black</td>
<td>33.4%</td>
</tr>
<tr>
<td>Hispanic/Latinx</td>
<td>8.5%</td>
</tr>
<tr>
<td>White</td>
<td>53.5%</td>
</tr>
</tbody>
</table>

Percent of PrEP users, by Age, 2022

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aged 13-24</td>
<td>13.9%</td>
</tr>
<tr>
<td>Aged 25-34</td>
<td>40.3%</td>
</tr>
<tr>
<td>Aged 35-44</td>
<td>25.7%</td>
</tr>
<tr>
<td>Aged 45-54</td>
<td>10.8%</td>
</tr>
<tr>
<td>Aged 55+</td>
<td>9.2%</td>
</tr>
</tbody>
</table>

Number of PrEP Users, 2012-2022
<table>
<thead>
<tr>
<th>Year</th>
<th>Number of PrEP Users</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>184</td>
</tr>
<tr>
<td>2013</td>
<td>224</td>
</tr>
<tr>
<td>2014</td>
<td>402</td>
</tr>
<tr>
<td>2015</td>
<td>985</td>
</tr>
<tr>
<td>2016</td>
<td>2,046</td>
</tr>
<tr>
<td>2017</td>
<td>2,909</td>
</tr>
<tr>
<td>2018</td>
<td>4,295</td>
</tr>
<tr>
<td>2019</td>
<td>5,266</td>
</tr>
<tr>
<td>2020</td>
<td>5,172</td>
</tr>
<tr>
<td>2021</td>
<td>6,140</td>
</tr>
<tr>
<td>2022</td>
<td>7,212</td>
</tr>
</tbody>
</table>
The 2022 PrEP-to-Need Ratio (PNR) is the ratio of the number of PrEP users in 2022 to the number of people newly diagnosed with HIV in 2020. PNR serves as a measurement for whether PrEP use appropriately reflects the need for HIV prevention. A lower PNR indicates more unmet need.

PNR, 2022

10.22

PNR, by Sex, 2022

Male: 12.50
Female: 3.65

PNR, by Race/Ethnicity, 2022

Black: 4.80
Hispanic/Latinx: 7.09
White: 45.36

PNR, by Age, 2022

Aged 13-24: 7.50
Aged 25-34: 12.21
Aged 35-44: 13.06
Aged 45-54: 8.31
Aged 55+: 6.78
Late Diagnoses and Linked to Care are among people newly diagnosed with HIV and Receipt of Care and Viral Suppression are among all people living with HIV.
**Late HIV Diagnoses**

*A late HIV diagnosis is defined as having an AIDS diagnosis within three months of initial HIV diagnosis.*

Number of new HIV diagnoses that were diagnosed late, 2020  
**153**

Proportion of people with a late HIV diagnoses, by Race/Ethnicity, 2020  
**Black: 19.6%**  
**Hispanic/Latinx: 26.7%**  
**White: 28.2%**

Percent of new HIV diagnoses that were diagnosed late, 2020  
**21.7%**
Linkage to care is defined as having a visit with an HIV health care provider within one month of being diagnosed with HIV.

Number of people diagnosed with HIV and linked to HIV care, 2020

617

Proportion of people linked to HIV care, by Sex, 2020

**Male:** 86.5%
**Female:** 90.1%

Proportion of people linked to HIV care, by Race/Ethnicity, 2020

**Black:** 85.8%
**Hispanic/Latinx:** 94.2%
**White:** 90.6%

Percent of people diagnosed with HIV and linked to HIV care, 2020

87.4%

Proportion of people linked to HIV care, by Age, 2020

**Aged 13-24:** 84.3%
**Aged 25-34:** 83.2%
**Aged 35-44:** 91.5%
**Aged 45-54:** 91.5%
**Aged 55+:** 91.8%
Receipt of HIV care is defined as those living with diagnosed HIV who received medical care for HIV and had at least one CD4 count or HIV viral load test in that year.

Number of people living with HIV who received HIV care, 2020

**22,914**

Proportion of people linked to HIV care, by Sex, 2020

**Male:** 69.3%

**Female:** 71.4%

Proportion of people linked to HIV care, by Race/Ethnicity, 2020

**Black:** 69.4%

**Hispanic/Latinx:** 69.2%

**White:** 67.3%

Percent of people living with HIV who received HIV care, 2020

**70.0%**

Proportion of people linked to HIV care, by Age, 2020

**Aged 13-24:** 81.6%

**Aged 25-34:** 73.3%

**Aged 35-44:** 70.8%

**Aged 45-54:** 70.6%

**Aged 55+:** 67.2%
Viral suppression is defined as those living with diagnosed HIV who had suppressed HIV viral load (<200 copies/mL).

Number of people living with HIV who were virally suppressed, 2020

20,335

Proportion of people linked to HIV care, by Sex, 2020

Male: 61.6%
Female: 63.3%

Proportion of people linked to HIV care, by Race/Ethnicity, 2020

Black: 61.2%
Hispanic/Latinx: 62.2%
White: 62.1%

Percent of people living with HIV who were virally suppressed, 2020

62.2%

Proportion of people linked to HIV care, by Age, 2020

Aged 13-24: 65.7%
Aged 25-34: 60.7%
Aaged 35-44: 62.0%
Aged 45-54: 63.4%
Aged 55+: 61.8%
### HIV Mortality

**Number of deaths of people with HIV, 2020**

642

**Rate of deaths of people with HIV per 100,000 population, 2020**

13

#### Percent of deaths of people with HIV, by Sex, 2020

<table>
<thead>
<tr>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>69.0%</td>
<td>31.0%</td>
</tr>
</tbody>
</table>

#### Percent of deaths of people with HIV, by Race/Ethnicity, 2020

<table>
<thead>
<tr>
<th>Black</th>
<th>Hispanic/Latinx</th>
<th>White</th>
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</thead>
<tbody>
<tr>
<td>68.2%</td>
<td>6.9%</td>
<td>13.2%</td>
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#### Percent of deaths of people with HIV, by Age, 2020

<table>
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<tr>
<th>Aged 13-24</th>
<th>Aged 25-34</th>
<th>Aged 35-44</th>
<th>Aged 45-54</th>
<th>Aged 55+</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.6%</td>
<td>7.3%</td>
<td>11.4%</td>
<td>18.8%</td>
<td>61.8%</td>
</tr>
</tbody>
</table>
Total Population
6,172,679

State Population by Race/Ethnicity

- American Indian / Alaska Native (0.2%)
- Asian (6.7%)
- Black (30.1%)
- Hispanic / Latinx (10.9%)
- White (49.4%)
- Multiple Race (2.6%)
- Other* (0.1%)

*Includes other races/ethnicities or missing/suppressed data
The rate of **Black males** living with an HIV diagnosis is 8.2 times that of **White males**.

The rate of **Hispanic/Latino males** living with an HIV diagnosis is 3.0 times that of **White males**.

The rate of **Black females** living with an HIV diagnosis is 17.1 times that of **White females**.

The rate of **Hispanic/Latina females** living with an HIV diagnosis is 3.8 times that of **White females**.
Late HIV Diagnoses, 2020

A late HIV diagnosis is defined as having an AIDS diagnosis within three months of initial HIV diagnosis.

**United States**

- **State**
  - 21.7%
  - 78.3%

- **Region**
  - 21.5%
  - 78.5%
Diagnosed with HIV

Diagnosed with AIDS
Percent of People Living with HIV, by Transmission Category, 2020

**Male Transmission Categories**

- Injection Drug Use (14.3%)
- Heterosexual Contact (18.1%)
- Male-to-Male Sexual Contact (60.6%)
- Male-to-Male Sexual Contact & Injection Drug Use (5.7%)
- Other* (1.3%)

**Female Transmission Categories**
Injection Drug Use (20.6%)
Heterosexual Contact (76.5%)
Other* (2.9%)

*Includes risk factor not reported or identified, along with hemophilia, blood transfusion, perinatal exposure, or missing/suppressed data.
People Newly Diagnosed with HIV, by Transmission Category, 2020

Percent of People Newly Diagnosed with HIV, by Transmission Category, 2020

Male Transmission Categories

- Injection Drug Use (2.9%)
- Heterosexual Contact (22.9%)
- Male-to-Male Sexual Contact (73.1%)
- Male-to-Male Sexual Contact & Injection Drug Use (1.1%)

Female Transmission Categories
Injection Drug Use (6.0%)
Heterosexual Contact (94.0%)

*Includes risk factor not reported or identified, along with hemophilia, blood transfusion, perinatal exposure, or missing/suppressed data.

HIV Mortality Rates, 2018-2020

Mortality Rates of Persons Diagnosed with HIV per 100,000 population, 2018-2020
These data represent 2020 weighted estimates of HIV testing prevalence by selected demographic characteristics, based on responses to the Behavioral Risk Factor Surveillance System (BRFSS) survey question, “Have you ever been tested for HIV?”
### Social Determinants of Health, 2020

#### Percent of Population with a High School Education, 2020
- **State**: 90.6%
- **Region**: 87.5%
- **United States**: 88.5%

#### Income Inequality (Gini Coefficient), 2020
- **State**: 0.453
- **Region**: 0.483
- **United States**: 0.482

#### Percent of Population Living in Poverty, 2020
- **State**: 9.0%
- **Region**: 14.1%
- **United States**: 12.8%

#### Median Household Income, 2020
- **State**: $88,589
- **Region**: $59,816
- **United States**: $64,994
Status of state action on the Medicaid expansion decision as of June 28, 2022.

- **Not Adopted**
- **Adopted but Not Implemented**
- **Adopted and Implemented**

**Percent of Population (<65) Lacking Health Insurance, 2020**
- Not Adopted: 6.7%
- Adopted but Not Implemented: 11.4%
- Adopted and Implemented: 10.4%

**Percent of Population Unemployed, 2020**
- Not Adopted: 6.7%
- Adopted but Not Implemented: 7.2%
- Adopted and Implemented: 8.1%

**Percent of Population Living with Food Insecurity, 2020**
- Not Adopted: 9.2%
- Adopted but Not Implemented: 12.3%
- Adopted and Implemented: 10.7%

**Percent of Population Living in Unstable Housing, 2020**
- Not Adopted: 13.9%
- Adopted but Not Implemented: 13.4%
- Adopted and Implemented: 14.2%
States with HIV-Specific Criminal Laws/Statutes
State has HIV-specific criminal laws and/or sentence enhancements applicable to people living with HIV.

States That Have Prosecuted PLWH
State has prosecuted people living with HIV under non-HIV-specific, general criminal laws.

Status of state criminalization laws are as of June 28, 2022. Source: CHLP.
HIV Federal Funding/Programs, Federal HIV/AIDS Grant Funding, FY 2018

Substance Abuse & Mental Health Services Administration, FY 2018
$2,144,964

Ryan White HIV/AIDS Program, FY 2018
$53,874,149

Housing Opportunities for Persons With AIDS, FY 2018
$10,399,684

Total Funding, FY 2018
$66,418,797